09/104,942

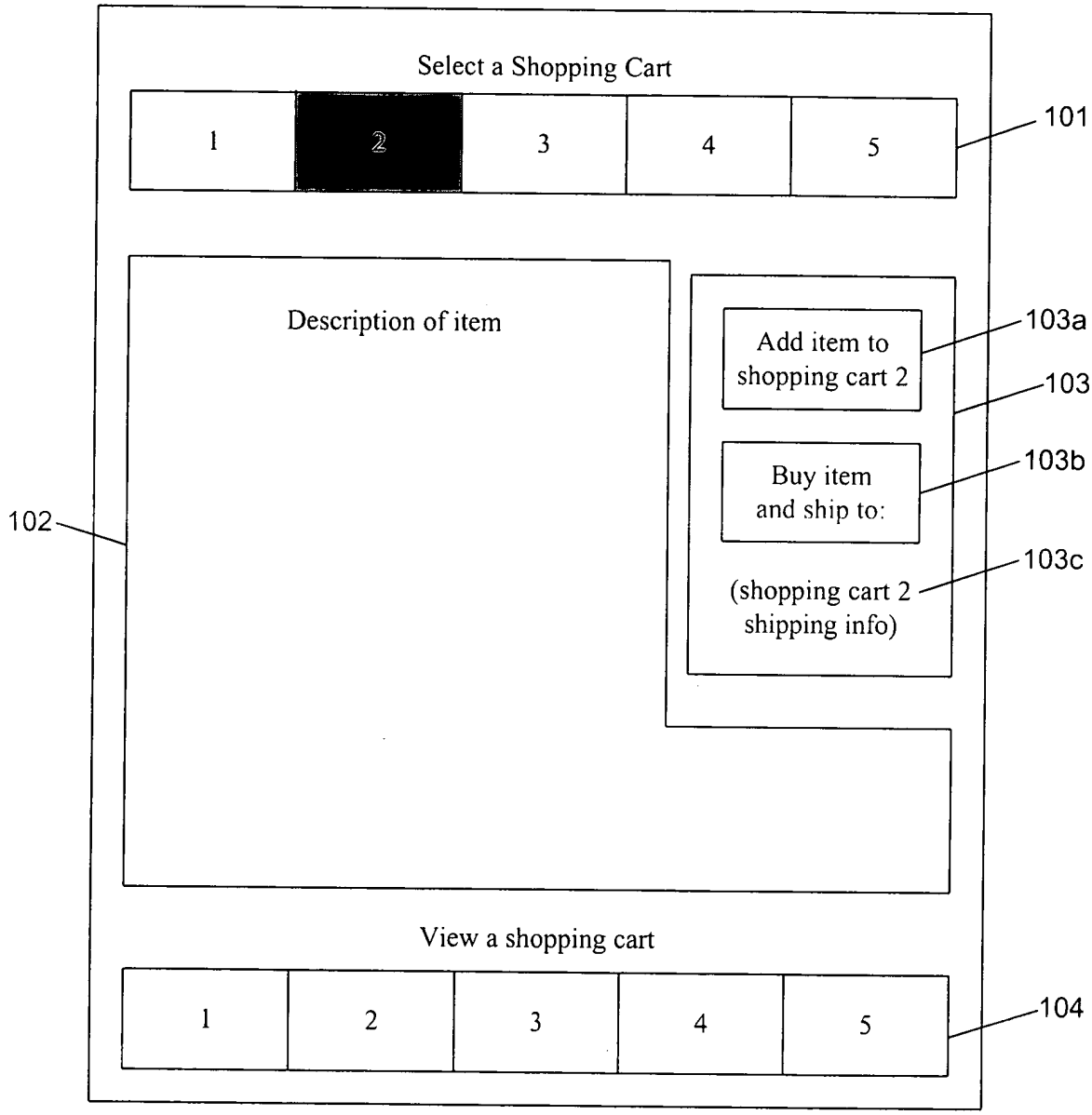

FIG. 1

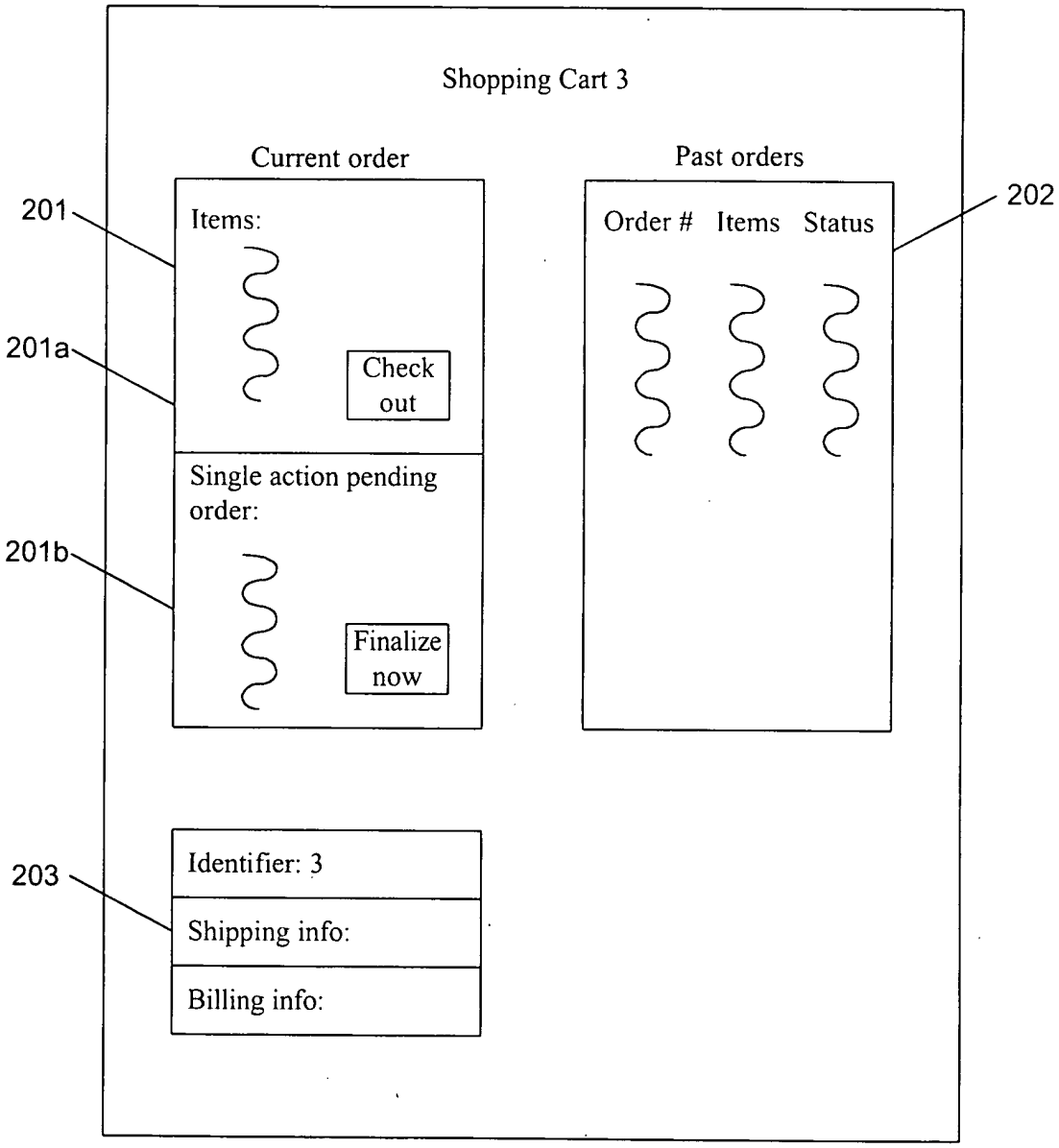
Shopping Cart 3
Current order
Past orders
201
202
Items:
Check out
201a
Order # Items Status
Single action pending order:
201b
Finalize now
203
Identifier: 3
Shipping info:
Billing info:

FIG. 2

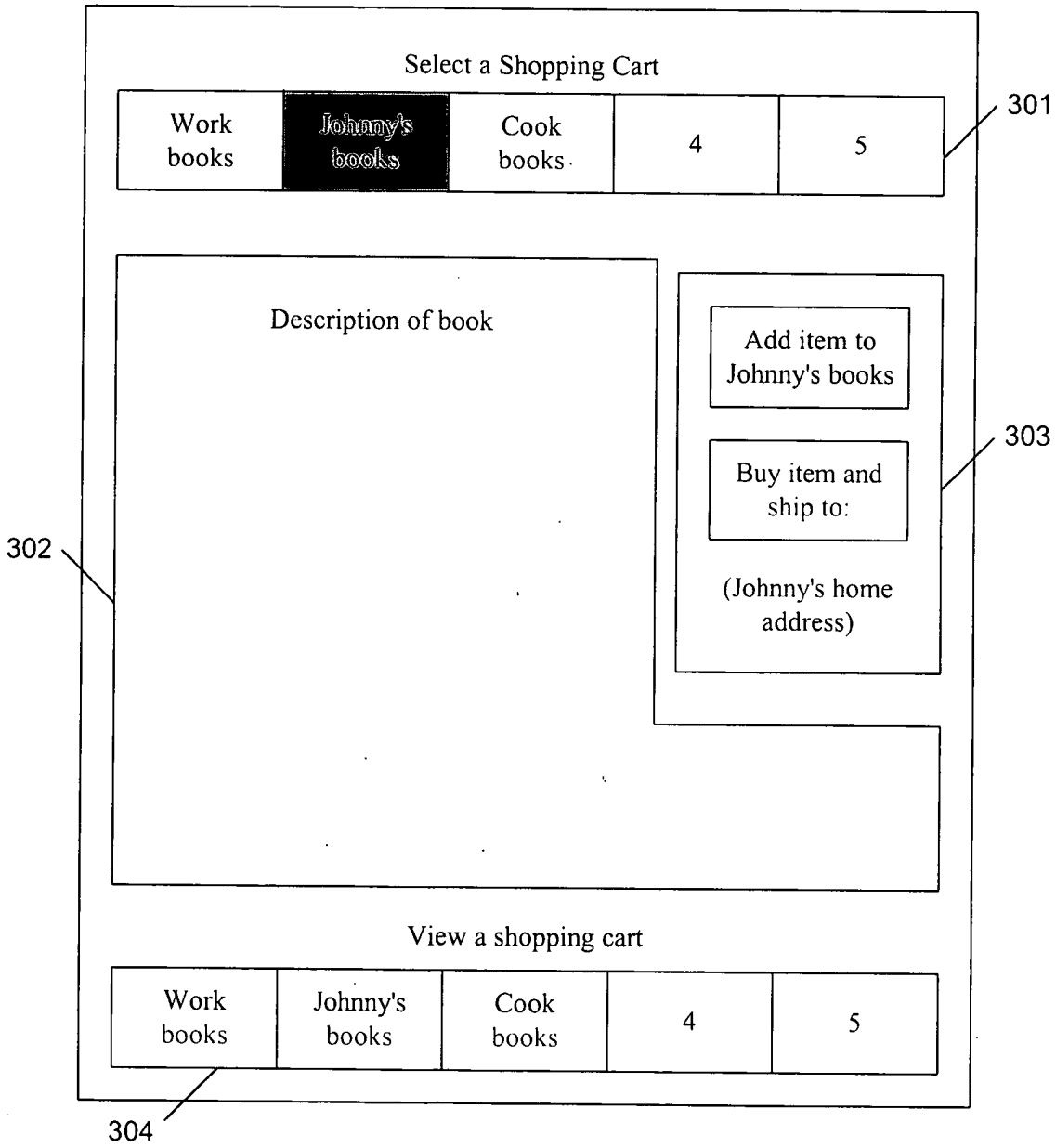
Select a Shopping Cart
Work books
Johnny's books
Cook books
4
5
301
Description of book
Add item to Johnny's books
Buy item and ship to:
(Johnny's home address)
303
302
View a shopping cart
Work books
Johnny's books
Cook books
4
5
304

FIG. 3

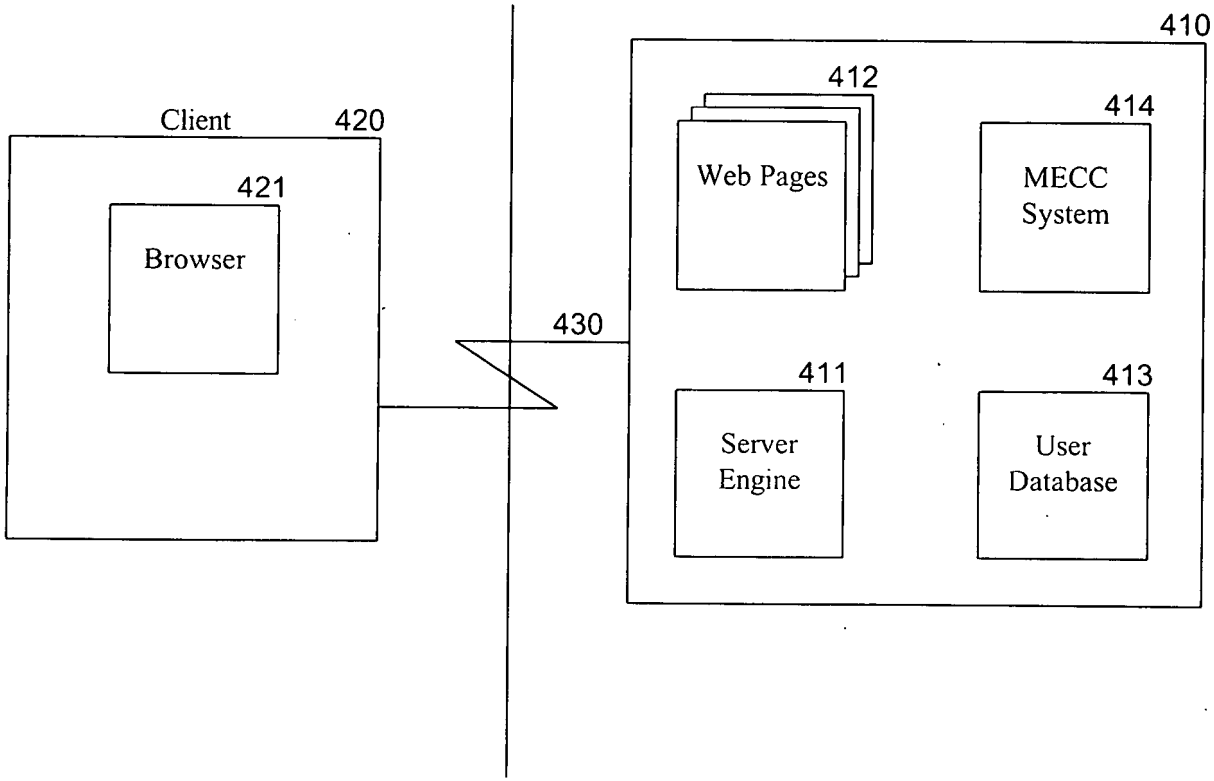
410
412
414
Client
420
Web Pages
MECC
System
421
Browser
430
411
413
Server
Engine
User
Database

FIG. 4

User Table

USER ID	NAME	E-MAIL	• • •
J. Smith	Smith, J.	jsmith@...	
J. Doe	Doe, J.	jdoe@...	
•			
•			
•			

501

Context Mapping Table

USER ID	CONTEXT ID
J. Smith	204
J. Smith	220
J. Doe	229
J. Doe	205
J. Doe	175
•	•
•	•
•	•

502

FIG. 5

Context Table

CONTEXT ID	NAME	ADDRESS	• • •
175	Work	4215...	
204	Johnny's		
205	Fiction		
220	Mother-in-law		
229	Non-fiction		
•	•		
•	•		
•	•		

503

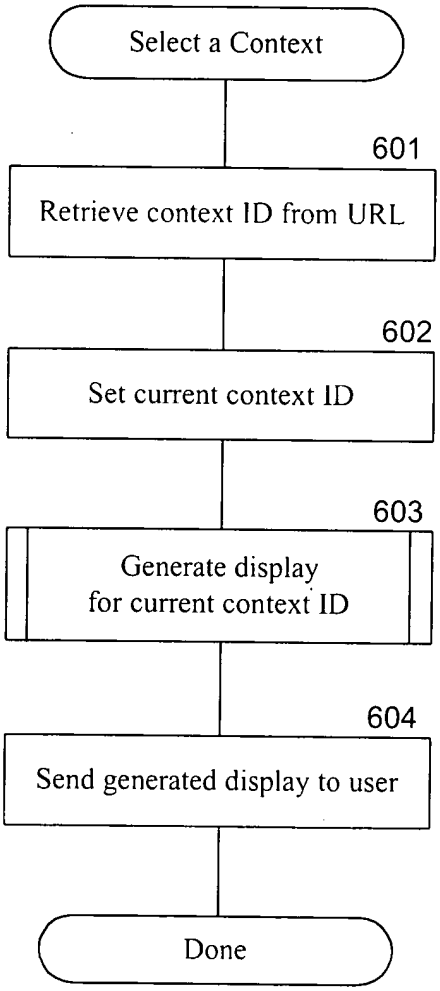
Select a Context
601
Retrieve context ID from URL
602
Set current context ID
603
Generate display
for current context ID
604
Send generated display to user
Done

FIG. 6

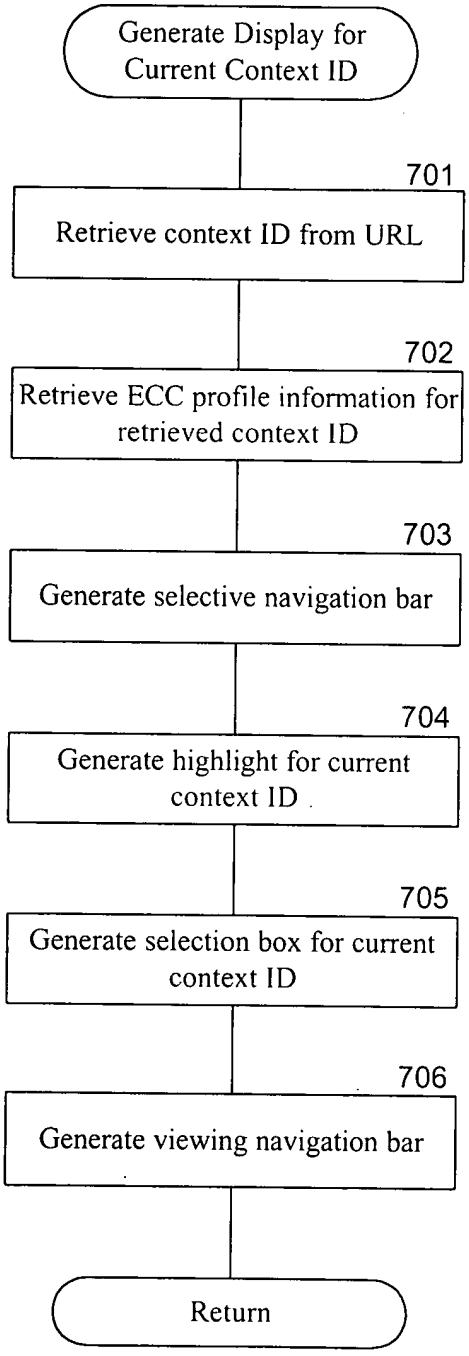
Generate Display for Current Context ID
701
Retrieve context ID from URL
702
Retrieve ECC profile information for retrieved context ID
703
Generate selective navigation bar
704
Generate highlight for current context ID
705
Generate selection box for current context ID
706
Generate viewing navigation bar
Return

FIG. 7

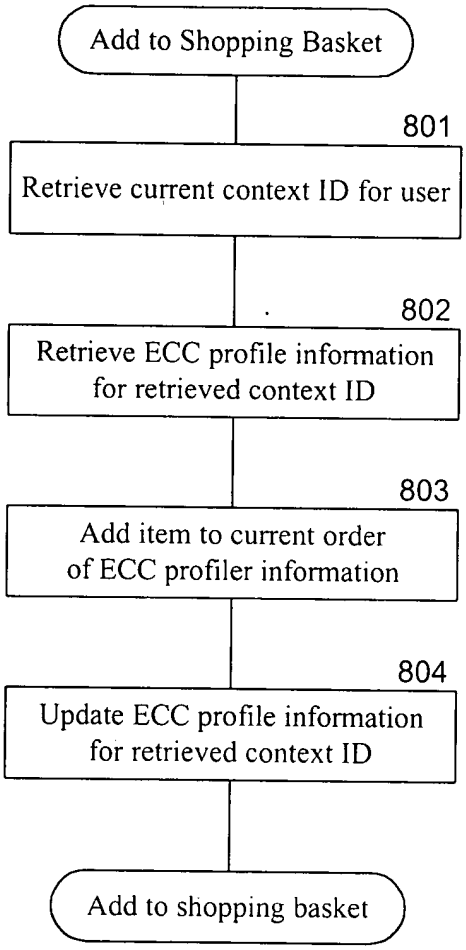
Add to Shopping Basket
801
Retrieve current context ID for user
802
Retrieve ECC profile information for retrieved context ID
803
Add item to current order of ECC profiler information
804
Update ECC profile information for retrieved context ID
Add to shopping basket

FIG. 8

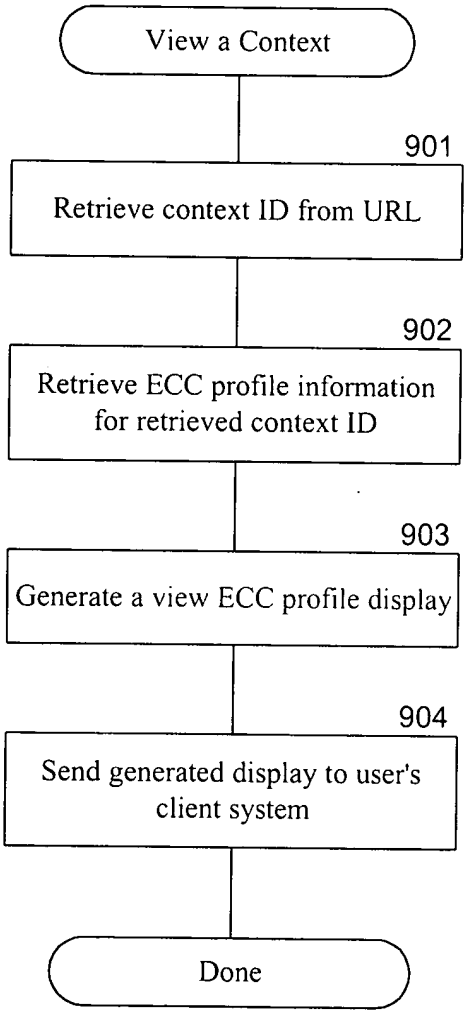
View a Context
901
Retrieve context ID from URL
902
Retrieve ECC profile information for retrieved context ID
903
Generate a view ECC profile display
904
Send generated display to user's client system
Done

FIG. 9

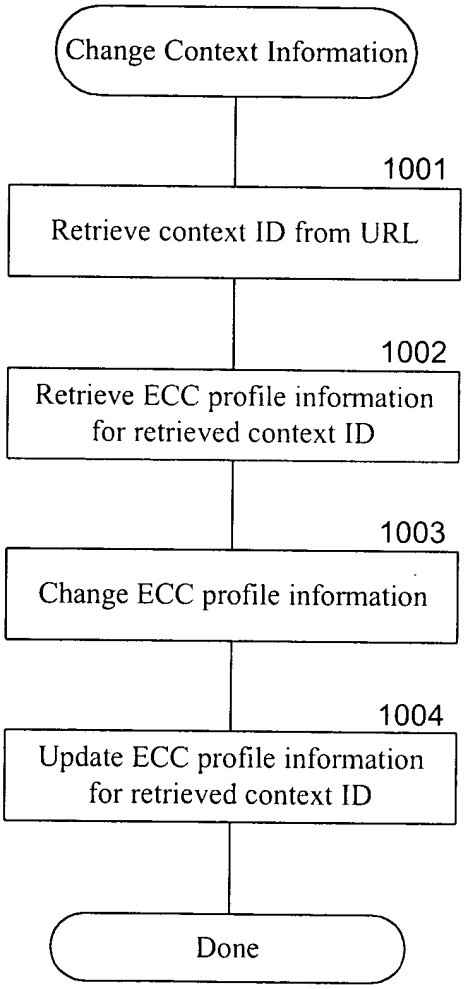
Change Context Information
1001
Retrieve context ID from URL
1002
Retrieve ECC profile information for retrieved context ID
1003
Change ECC profile information
1004
Update ECC profile information for retrieved context ID
Done

FIG. 10

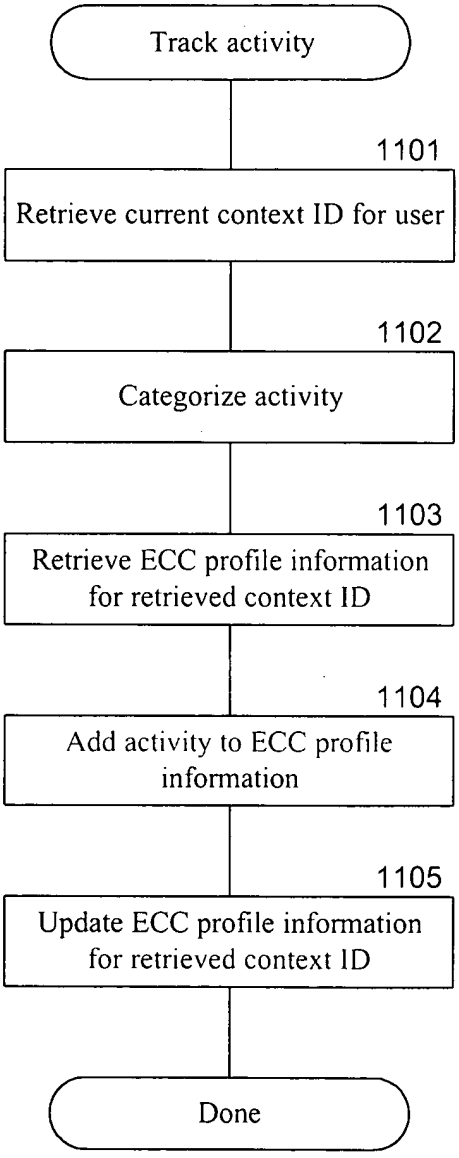
Track activity
1101
Retrieve current context ID for user
1102
Categorize activity
1103
Retrieve ECC profile information for retrieved context ID
1104
Add activity to ECC profile information
1105
Update ECC profile information for retrieved context ID
Done

FIG. 11